

Title (en)  
Film winding apparatus

Title (de)  
Filmwickelmaschine

Title (fr)  
Appareil d'enroulement de films

Publication  
**EP 0770901 B1 20020130 (EN)**

Application  
**EP 96117165 A 19961025**

Priority  

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- JP 27803795 A 19951025
- JP 27803895 A 19951025
- JP 27803995 A 19951025

Abstract (en)  
[origin: EP0770901A1] A film winding apparatus for winding a film into a cartridge includes a film winding mechanism (1) provided in an apparatus housing for turning a spool housed in the cartridge to wind the film around the spool. The film is inserted through a film inlet (20) located on one side of the apparatus housing and fed toward the film winder. The cartridge loaded on a cartridge mount (5) provided on another side of the apparatus housing is conveyed up to the film winding mechanism, where the cartridge is set in a film loading position. The film winding apparatus thus constructed offers easy operation without any special adjustment or treatment of the film or cartridge, yet featuring single-unit construction and portability. <IMAGE>

IPC 1-7  
**G03B 17/26**; **G03D 13/00**

IPC 8 full level  
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CPC (source: EP KR US)  
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CH DE FR GB IT LI

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**EP 0770901 A1 19970502**; **EP 0770901 B1 20020130**; CA 2188719 A1 19970426; CA 2188719 C 20000404; CN 1080894 C 20020313; CN 1157253 A 19970820; DE 69618899 D1 20020314; DE 69618899 T2 20020912; KR 100205044 B1 19990615; KR 970022499 A 19970528; US 5826816 A 19981027

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